

Technical Specifications

Model: Kanta-100E Manual Abrasive Cutter

Space	1m x 1m x 2m (W x D x H) or more
Electric	3 phases, 220V, 30A
Coolant	N/A
Remark	<ul style="list-style-type: none"> - Space of movement - Air facility for hydraulic/air vice (Offer by user)

Kanta-100E, Manual Abrasive Cutter

This device is high speed cutter for metal, plastic, ceramic, composite material, etc. Kanta-100E can cut a specimen rapidly using 10 or 12 inch abrasive wheel. Kanta-100E supplies enough coolant to prevent heat-damage for a specimen, and it enhances user safety using tempered plastic glass and sensor. User can observe the cutting process from every angle using big size internal transparent window and LED lamp. Additionally, user can fix a specimen using air/hydraulic grip. (Option)

Features

- Standalone-type (All-in-One Structure)
- Work Convenience using Maximized Internal Transparent Window and LED Lamp
- Wheel Spin Speed Control using Invertor
- Easy Cleaning using Installed Cleaning-gun on the Outside
- T-slot Bed Movement (Front-Rear) for High Strength Steel Cutting (Option)

1. Main Frame Specification

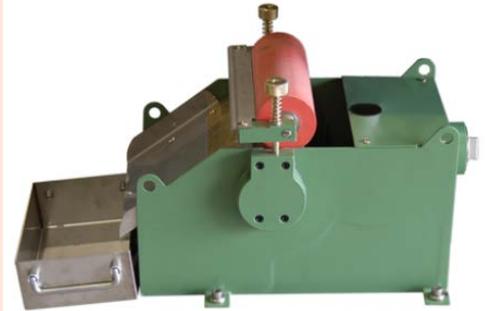
- Size: 1,000mmW x 850mmD x 1,500mmH
- Electric: 220V, 3 phases, 60Hz
- Motor: SIEMENS Waterproof Motor 2.2kW (3HP)

- Standalone-type
- Wheel Size(Arbor): 10 ~ 12inch
- Cutting Size: Plate-type: 150mmW x 100mmL, Bar-type: 80mm (Base on 10 inch)
- Wheel Speed: 500 ~ 3,500rpm
- Big Size Transparent Tempered Cover (Polycarbonate)
- Cover Open Detecting Sensor
- Easy Cutting using Soft Suspension
- Long-type Specimen Cutting by Side Hole (Cover Open)
- Wheel Cover Mounting
- Sliding-type Front Door
- One Touch Vice
- Slanting Base Frame for Drainage
- Switches: POWER, START, STOP, Coolant ON, OFF
- Coolant: Individual Pump
 - Dual Filter
 - Rust-preventing Cooling Oil
 - Wheels for Easy Coolant Change
 - Coolant Capacity: 50 Liter



2. Services and Remarks

- 1 year Warranty
- Operating Manual: 1 copy
- Installation and Operating Training
- Cutting Oil (1 Liter, 40:1) and Tool (Spanner, Fixture stick, Wrench)



Option Parts

1. Cooling device and Foreign substance separator

- High pressure coolant pump (Discharge: 40 Liter/min)
- Forced circulation
- Sludge removal filter
- Steel scrap removal using permanent magnet
- Internal outlet line

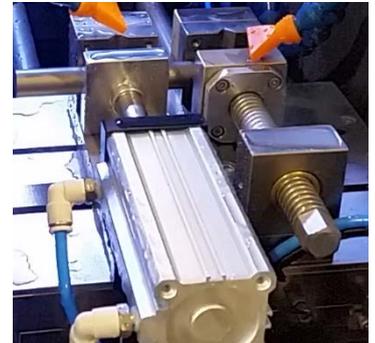
2. Air vice (User arrangement: Air supply system)

- 2 air cylinder each
- 2 air solenoid valve each

- Air switch installation
- Maximum force: 80kg

3. Hydraulic vice (User arrangement: Air supply system)

- 2 air cylinder each
- 2 air solenoid valve each
- Air-Hydraulic booster installation
- Lock / Unlocking switches installation
- Maximum force: 400kg



4. T-slot bed

- Material: Stainless steel
- Slot line: Left – 2 lines / Right – 2 lines
- Movement: 30mm or more



5. Bed stage (Front-Rear moving)

- Moving Distance: 100mm
- Moving Method: Manual Handle